

PATENT ABSTRACTS OF JAPAN

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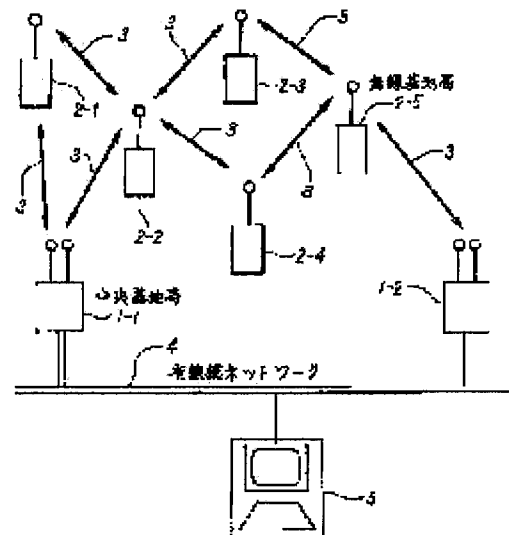
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(54) RADIO PACKET PATH DETERMINATION METHOD IN RADIO NETWORK

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for determining an optimum radio network path for performing bidirectional communication between radio base stations.

SOLUTION: Respective radio base stations 2-1 to 2-5 record information for calculating an optimum path as measured information, and when the measured information changes and a radio packet to central base stations 1-1 and 1-2 exists, the information is added to that radio packet. However, when such a radio packet does not exist, there is only the measured information at a repeater station. If a radio packet between the other central base stations 1-1 and 1-2 exists, the measured information is described and transmitted. At the central base station, the measured information is extracted and preserved, and if transmitting the optimum path to the respective radio base stations 2-1 and 2-2 towards these radio base stations and a radio packet to be transmitted to the relevant route exists, the optimum path is added and transmitted to that radio packet. However, when such a radio packet does not exist, only the optimum path is transmitted and the respective radio base stations 2-1 to 2-5 are constituted, so as to determine the optimum path by extracting that path from the radio



packet.